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United States Department of the Interior, J. A. Krug, Secretary
Fish and Wildlife Service, Albert M. Day, Director

Wildlife Leaflet 300

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ANNOTATED LIST AND INDEX OF WILDLIFE LEAFLETS 201 to 300

Prepared in the Division of Information

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INTRODUCTION

In Wildlife Research and Management Leaflet BS-100 of the Bureau of Biological Survey, United States Department of Agriculture, is listed, abstracted, and indexed information on wildlife issued in processed form in Wildlife Research and Management Leaflets BS-1 to BS-99, during the period January 1935 to December 1937. In June 1939 the Bureau of Biological Survey was transferred from the United States Department of Agriculture to the United States Department of the Interior, and in July 1940 it was merged with the Bureau of Fisheries (which had been transferred from the United States Department of Commerce to the United States Department of the Interior) to form the Fish and Wildlife Service, of the Department of the Interior. In Wildlife Leaflet 200 of the Fish and Wildlife Service is listed, abstracted, and indexed information on wildlife issued in processed form in Wildlife Research and Management Leaflets BS-101 to BS-140 of the Bureau of Biological Survey, Department of Agriculture,

during the period January 1938 to June 1939; Wildlife Leaflets BS-141 to BS-165, of the Bureau of Biological Survey, Department of the Interior, during the period August 1939 to June 1940; and Wildlife Leaflets 166 to 199, of the Fish and Wildlife Service, Department of the Interior, during the period July 1940 to September 1941. The present number, Wildlife Leaflet 300, contains similar data for Wildlife Leaflets 201 to 299.

These leaflets are prepared to use in correspondence and for the benefit of employees and cooperators of the Service. Requests for copies should be for definite numbers needed rather than for runs or sets.

ANNOTATED LIST

- WL-201. Publications on attracting birds. Prepared in the Division of Wildlife Research. 6 pp., September 1941. (Supersedes Wildlife Research and Management Leaflet BS-8, of April 1935.)

References to pamphlets and books dealing with this subject issued by the United States Department of Agriculture, the United States Department of the Interior, the National Audubon Society, and other agencies, with addresses of the publishers.

- WL-202. Angora rabbit wool production. By George S. Templeton. 10 pp., November 1941. (Supersedes Wildlife Research and Management Leaflet BS-55, of May 1936.)

Directions for breeding and feeding of Angora rabbits, and grooming, shearing, and marketing of the wool; and contains a list of dealers in Angora rabbit wool.

- WL-203. Raising badgers in captivity. Prepared in Division of Wildlife Research. 2 pp., November 1941. (Supersedes Wildlife Research and Management Leaflet BS-32, of January 1936.)

General description of the badger and its fur, and of suitable pens and dens; directions for feeding; and notes on breeding.

- WL-204. Eelgrass depletion on the Pacific coast and its effect upon black brant. By James Moffitt and Clarence Cottam. 26 pp., 1 table, November 1941.

Distribution of the plant; a review of the history of its depletion on the Atlantic coast due to disease; and discussion of the effects of eelgrass shortage upon waterfowl. Status of the plant and the disease defined by regions of the Pacific coast. Relation of eelgrass fluctuations to brant numbers and habits. Bibliography of 5 pages.

- WL-205. Raising mealworms. By Franklin H. May. 2 pp., November 1941.

Directions for raising these larvae commonly fed to captive animals; also addresses of 6 dealers in them.

- WL-206. Seasonal fox rations and quantities to feed. By Charles F. Bassett. 3 pp., 2 tables, November 1941. (Supersedes Wildlife Research and Management Leaflet BS-130, of April 1939.)

Permissible variations in rations, with especial reference to the meat content, with suggestions as to kinds, quantities, and seasons for feeding; notes also on dietary requirements of males, females, and weaned pups.

- WL-207. Big-game inventory of the United States, 1940. Compiled in Division of Wildlife Research. 10 pp., 18 tables, January 1942.

Fourth in this series, this leaflet presents statistics on the numbers of 15 groups of large game animals, comparative notes on the series of inventories, and tabulations of the animals according to the ownership of the lands upon which they occur, as well as by States. The tabulations show an estimated total of nearly 6,000,000 animals.

- WL-208. Publications on fur and fur animals. Prepared in Division of Wildlife Research. 5 pp., January 1942. (Supersedes Biological Survey Leaflet 3-1024, of January 1940, and Wildlife Research and Management Leaflet BS-36, of January 1936.)

List of printed publications and processed leaflets on fur and fur animals issued by the United States Department of Agriculture and the United States Department of the Interior; and references to books and periodicals on this subject published by other agencies, with addresses from which they may be obtained.

- WL-209. Market classification and grading of muskrat pelts taken from Blackwater Refuge in 1941. By Charles E. Kellogg. 5 pp., 2 tables, 5 graphs, March 1942.

Pelts classified according to color (black or brown), and sex and maturity of the animal from which taken; also, according to size of pelt and season when taken--fall, winter, spring.

- WL-210. Check-list of marsh and aquatic plants of the United States. By Neil Hotchkiss. 35 pp., January 1942. (Supersedes Wildlife Research and Management Leaflet BS-72, of December 1936.)

A list of the principal plants occurring in marsh and water areas throughout the United States, with both the scientific names and the common names recommended for use; references to manuals and monographs used in compilation of the list.

- WL-211. The Biological Surveys mammal collection. Prepared in Division of Wildlife Research. 5 pp., 1 pl., February 1942. (Supersedes Wildlife Leaflet BS-153, of February 1940.)

History of the collection; names of the principal collectors; number of types (1,331), and of all (138,130) specimens.

- WL-212. Care of buffaloes. Prepared in Division of Wildlife Research. 8 pp., February 1942.
Notes on enclosures, forage and mineral requirements, methods of handling, growth and development, diseases and parasites, and the hybrid cattaloos, Bibliography of 16 titles.
- WL-213. Infectious myxomatosis of domestic rabbits. By Edward L. Vail. 3 pp., March 1942. (Supersedes Wildlife Leaflet 166, of July 1940.)
Occurrence; symptoms and mortality; post-mortem appearance; virulence; transmission; and control.
- WL-214. Care of white mice and rats. Prepared in Division of Wildlife Research. 2 pp., March 1942.
Brief directions for the feeding and breeding of white mice and rats, and suggestions concerning cages for them.
- WL-215. Sperm studies as a guide in fur-animal breeding practice. By Robert K. Enders. 3 pp., April 1942. (Supersedes Wildlife Research and Management Leaflet BS-138, of June 1939.)
Description of equipment and methods used and interpretation of the findings. The practice may be used to reduce the number of failures in impregnation.
- WL-216. Rabbit manure as a fertilizer. By C. C. Fletcher. 4 pp., 3 tables, April 1942.
Discussion of the value of rabbit manure in comparison with other animal manures.
- WL-217. War and wildlife. By W. E. Crouch. 4 pp., April 1942.
Summary of the effects of World War I upon conservation and suggested applications of the lessons to conditions prevailing during World War II.
- WL-218. Domestic rabbits in the food for freedom program. By George S. Templeton. 8 pp., 1 pl., June 1942.
Raising rabbits for home consumption. Notes on breeding stock, hutches and equipment, care and feeding, slaughtering and skinning, and handling of the pelts.
- WL-219. Raising guinea pigs. Prepared in Division of Wildlife Research. 2 pp., June 1942. (Supersedes Wildlife Research and Management Leaflet BS-52, of April 1936.)
Housing; feeding; breeding; and management.

- WL-220. Blackbirds and grain crops in the Eastern United States.
By E. R. Kalmbach. 5 pp., June 1942. (Supersedes Wildlife Research and Management Leaflet BS-96, of November 1937.)
Legal status of blackbirds; frightening by shooting or other means; poisoning; avoiding damage through changes in agricultural practices.
- WL-221. Treatment of oil-soaked birds. By Frederick C. Lincoln.
2 pp., July 1942.
Directions for cleaning birds, the plumage of which is saturated with oil; general statement about this hazard; and reference to the Oil Pollution Act of 1924.
- WL-222. Laboratory procedure in wildlife food studies. Prepared in Division of Wildlife Research. 11 pp., June 1942. (Supplements Wildlife Research and Management Leaflet BS-30, of January 1936.)
Directions for analyzing stomach contents, scats, and other materials illustrative of food habits; for recording the results; and for storing the examined material.
- WL-223. Natural plantings for attracting waterfowl to marsh and other water areas. Prepared in Division of Wildlife Research. 4 pp., October 1942. (Supersedes Wildlife Research and Management Leaflet BS-125, of January 1939.)
A regulation under authority of the Migratory Bird Treaty Act forbids planting of agricultural crops to attract birds for shooting. There is no bar, however, to improvement of areas by establishing permanent stands of marsh and aquatic plants. Suggestions are given for muddy waters of fluctuating levels, for coastal marshes and ponds, and for miscellaneous areas.
- WL-224. Birds as a factor in controlling insect depredations. By Clarence Cottam and Francis L. Uhler. 6 pp., November 1942. (Supersedes Wildlife Leaflet BS-162, of May 1940.)
Exposition of the general value of birds, of their particular usefulness in holding insect populations at normal levels, and also of their services in severe outbreaks, some instances of which are described.

WL-225. The status of migratory game birds: 1941-42. Prepared in Division of Wildlife Research. 9 pp., September 1942.

Annual summary of investigations to determine the status of wild ducks, geese, and swans upon the breeding and wintering grounds and the flyways. Report upon the January inventory, which indicated a larger increase than in any previous year of the series (since 1936). Discussion of the condition of the woodcock, Wilson's snipe, rails and coots, mourning and white-winged doves, and the band-tailed pigeon.

WL-226. Abstract of fur laws, 1942-43. Compiled in Division of Wildlife Research. 43 pp., November 1942.

Digest of the Federal Lacey Act as it affects shipment of animals in violation of State law, and of the laws relating to fur animals in the United States and the Canadian Provinces. Contains also a directory of officials from whom copies of fur laws may be obtained.

WL-227. Wildlife contributions to the Nation's war program. By Edna N. Sater. 13 pp., December 1942.

Relates mostly to fisheries, but includes discussion of the value: of the Federal program of control of damage by predatory animals and rodents (including house rats and mice); of cooperation in the production and wise utilization of furs; of regulation of game take; and of the protection of wildlife in Alaska and upon refuges.

WL-228. Suggestions for bird field study. By May Thatcher Cooke. 7 pp., November 1942. (Supersedes Wildlife Leaflet BS-150, of January 1940.)

Equipment, favorable places, methods; suggestions concerning field identifications, value of permanent notes, and concerning the significance of bird study. Contains a list of books, periodicals, pictures, and disk-recorded bird songs, together with addresses from which they may be obtained.

WL-229. Recipes for cooking muskrat meat. By Herbert L. Dozier. 5 pp., November 1942.

Directions for preparing, cooking, and preserving muskrat meat.

WL-230. Sanitation in domestic rabbitries. By Frank D. McKenney. 4 pp., February 1943. (Supersedes Wildlife Research and Management Leaflet BS-86, of April 1937.)

General procedure, cleaning equipment; choosing a disinfectant; prevention and control of infectious diseases.

- WL-231. Vent diseases of domestic rabbits. By Frank D. McKenney and J. E. Shillinger. 4 pp., February 1943. (Supersedes Wildlife Research and Management Leaflet BS-79, of January 1937.)
Symptoms and treatment of spirochetosis and urine burn, similar notes on miscellaneous infections.
- WL-232. Annual fur catch of the United States. Compiled in Division of Wildlife Research. 22 pp., February 1943.
Statistics from the 39 States and Alaska, whose license systems and records enabled them to furnish the desired figures, which in most cases are given by species and for each of several recent years. Not summarized. Introductory remarks relate to importance of the fur trade and the need of improved regulation of it.
- WL-233. Poisonous snakes of the United States. Prepared in Division of Wildlife Research. 17 pp., March 1943. (Supersedes Wildlife Research and Management Leaflet BS-70, of November 1936.)
Notes on the kinds of poisonous snakes in the United States; key to the principal species; names and ranges of the rattlesnakes; poison apparatus of venomous snakes; characteristics of the venoms; mortality resulting from snake bite; treatment for bites of North American poisonous snakes; notes on rattles, young, food habits. Bibliography of 46 titles.
- WL-234. Directions for destroying house mice. Prepared in Division of Predator and Rodent Control. 3 pp., February 1943. (Supersedes Wildlife Research and Management Leaflet BS-79, of January 1937.)
Suggestions concerning trapping and poisoning; discussion of the cat as a mouser; and directions for repelling mice.
- WL-235. Birdbanding. By Frederick C. Lincoln. 5 pp., March 1943. (Supersedes Wildlife Leaflet BS-145, of October 1939.)
Discussion of the history of birdbanding, authorization for the work, qualifications of the participants, and avoiding injury to birds; description of bands; and statement of the value of the work.

WL-236. Protecting victory gardens from animal pests. Prepared in Division of Predator and Rodent Control. 6 pp., 2 figs., April 1943.

Directions for trapping rabbits; also suggestions for the control of moles, pocket gophers, field mice, ground squirrels, woodchucks, rats, and birds.

WL-237. Control of woodchucks. Prepared in Division of Predator and Rodent Control. 4 pp., April 1943.

Recommendations for gassing mostly applicable to eastern, and for poisoning to western, woodchucks.

WL-238. Klamath Basin national wildlife refuges, Oregon and California. By Stanley G. Jewett. 18 pp., 1 map, May 1943.

History of the region; description of the Upper Klamath, Lower Klamath, Tule Lake, and Clear Lake Refuges; life zones of the area and their characteristic plants, birds, and mammals; interesting features; lists of birds and mammals; directions for reaching the refuges.

WL-239. Enteritis, or so-called bloat, in domestic rabbits. Prepared in Division of Wildlife Research. 1 p., July 1943.

Symptoms; post-mortem examination; and general information.

WL-240. Recipes for cooking domestic rabbit meat. Prepared in Division of Public Relations. 17 pp., 2 pls., July 1943.

Chemical analysis of rabbit meat, and its value as food; general methods of cooking; and 41 recipes.

WL-241. Control of coccidiosis in rabbits. By Edward L. Vail. 1 p., May 1943. (Supersedes Wildlife Research and Management Leaflet BS-116, of June 1938.)

Symptoms; method of positive diagnosis; infection occurs only through ingestion of droppings; wire-bottomed hutches recommended, and other suggestions as to sanitation made.

WL-242. Rabbit-open construction in relation to sore hocks. By George S. Templeton. 2 pp., May 1943. (Supersedes Wildlife Research and Management Leaflet BS-139, of June 1939.)

Suggestions concerning the flooring of hutches, management practices that will reduce the malady, and treatment of affected animals.

- WL-243. Raising martens in captivity. Prepared in Division of Wildlife Research. 3 pp., October 1944. (Supersedes Wildlife Research and Management Leaflet BS-63, of August 1936.) Traits of martens; food in the wild and in captivity; notes on construction of pens and nest boxes and on breeding; and general instructions.
- WL-244. Inheritance of "woolly" in rabbits. By A. W. Bellamy. 4 pp., 1 fig. (diagrams), November 1943. (Supersedes Wildlife Research and Management Leaflet BS-73, of December 1936.) The occurrence of wooly hair in meat breeds is a defect; explanation of the genetics of the character, and suggestions for its elimination.
- WL-245. Diarrhea in domestic rabbits. By Edward L. Vail and F. D. McKenney. 1 p., August 1943. Cause; symptoms; prevention and control.
- WL-246. Save game meat--it is valuable. By D. Irvin Masmussen and Marvin D. Wilde. 5 pp., October 1943. Suggestions for the treatment of game carcasses in the field and in storage, and directions for the curing of wild meat. A table shows the amount of usable flesh obtainable from deer of various weights.
- WL-247. Feed costs of producing young rabbits to weaning age. By Charles E. Kellogg. 3 pp., 1 table, November 1943. (Supersedes Wildlife Research and Management Leaflet BS-21, of October 1935.) Report on tests at the United States Rabbit Experiment Station, Fontana, Calif.
- WL-248. Malocclusion, or "buck teeth" in rabbits. By George S. Templeton. 4 pp., illus., October 1944. Report on experiments conducted at the United States Rabbit Experiment Station, Fontana, Calif. Malocclusion is an inherited condition. Recommendations for treating it and for eradicating it from rabbit herd.
- WL-249. Abstract of fur laws, 1943-44. Compiled by Frank G. Ashbrook. 43 pp., November 1943. Digest of the Federal Lacey Act as it affects shipment of animals in violation of State law, and of the laws relating to fur animals of the various States of the United States and of the Canadian provinces. Contains also a directory of officials from whom copies of fur laws can be obtained.

- WL-250. The status of migratory game birds: 1942-43. Prepared in Division of Wildlife Research. 11 pp., December 1943.
Annual summary of findings as to conditions on the breeding and wintering grounds, status of the waterfowl in their migrations and at the time of the January inventory. Special discussions of the woodcock, Wilson's snipe, rails and coots, mourning and white-winged doves, and the band-tailed pigeon.
- WL-251. Raising raccoons. Prepared in Division of Wildlife Research. 2 pp., March 1944.
Suggestions on selecting a ranch site, construction of pens and dens, feeding, breeding, and management.
- WL-252. Local control of magpies through destroying nests and roosts and through trapping. By E. R. Kalmbach. 4 pp., 1 fig., April 1944.
Summary of the economic status of the magpie and suggestions for control through destruction of eggs and young, dispersal of roosts, and trapping. Description of the Australian crow trap.
- WL-253. Annual fur catch of the United States. Prepared in Division of Wildlife Research. 21 pp., July 1944.
Reports of varying degrees of completeness on the take by species in recent years in Alaska, the Pribilof Islands, and the United States. The total annual catch exceeds 20 million animals, and the raw fur value is around 100 million dollars.
- WL-254. Control of vagrant domestic pigeons. Prepared in Division of Wildlife Research. 4 pp., May 1944.
The origin and status of feral pigeons are discussed, and suggestions are made for their control by elimination of harborage, the use of frightening devices, and by trapping, shooting, poisoning, and gassing.
- WL-255. Value and use of rabbit manure. By George S. Templeton. 4 pp., 2 tables, May 1944. (Supersedes Wildlife Leaflet 216, of April 1942.)
Composition of rabbit manure, value as a fertilizer, quantity produced, and method of storing.
- WL-256. Electric beacons used to frighten wild ducks from grainfields. By Ralph H. Imler. 5 pp., 1 pl., June 1944.
Description of the beacon and report on tests of it made in North Dakota and Colorado. The mechanism of the beacon is illustrated.

- WL-257. Facts about snakes. Prepared in Division of Wildlife Research. 10 pp., July 1944.
New edition of a leaflet of long standing. It treats: Some popular misconceptions, snake myths, general habits of snakes, hibernation, shedding skins, economic value of snakes, precautionary measures against snakes, suggestions for snake-proofing a building, suggestions for eradicating undesirable snakes, use of poisonous gases, and other methods of eradication.
- WL-258. List of fox and fur breeders associations. Compiled in Division of Wildlife Research. 5 pp., July 1944.
Names and addresses of National, regional, and State fur breeders associations.
- WL-259. Care of parrots. Prepared in Division of Wildlife Research. 16 pp., September 1944.
Treats of: Quarters for housing parrots, selection of species, general care, feeding, grit, breeding, teaching parrots, parrot maladies, psittacosis or parrot fever, importation, inspection, and quarantine. Contains also a list of books and periodicals on parrots.
- WL-260. Eliminating bats from buildings. By James Silver. 4 pp., September 1944.
The characteristics, habits, and economic status of bats are briefly summarized, and suggestions made for bat-proofing buildings, the use of repellents, and destruction of the animals by fumigation.
- WL-261. Status of migratory game birds: 1943-44. Prepared in Division of Wildlife Research. 10 pp., 2 tables, October 1944.
Annual report on the results of observations during both breeding and migrating seasons in all major flyways and from Alaska to the southern boundary of the United States. In general, the situation seemed favorable, and the greatest fall migration in a generation was expected. Special consideration is given to the woodcock, the not too favorable status of which is reported as unchanged, to Wilson's snipe, for which a slight gain is reported. Rails are noted as increasing, and the coots are deemed to be undesirably numerous. Of doves, the mourning dove a satisfactory recovery toward normal numbers, the white-winged should be more systematically managed, and the band-tailed pigeon is reported as increasing in Colorado.

- WL-262. Abstract of fur laws, 1944-45. Compiled by Frank G. Ashbrook. 43 pp., November 1944.
Digest of the Federal Lacey Act as it affects shipment of animals in violation of State law, and of the laws of the various States of the United States and of the Canadian Provinces relating to fur animals. Also contains a directory of officials from whom copies of fur laws can be obtained.
- WL-263. Manufacturers of traps. 1 p., December 1944.
Contains a list of manufacturers from whom traps for taking animals can be obtained.
- WL-264. Emetic agent in toxic rat bait, a safeguard for dogs and cats. By H. J. Spencer. 5 pp., December 1944.
Report on experiments with various agents, of which tartar emetic conducted to the survival of 107, or 81 percent, of 132 dogs and cats fed 1 to 5 minimum lethal doses of zinc phosphide, thallium sulphate, and barium carbonate.
- WL-265. Some publications on upland game birds. By Ralph B. Nestler. 11 pp., March 1945.
A bibliography of periodicals and of other publications dealing with upland game birds in general, and in particular with pheasants, quail, grouse, partridges, wild turkeys, and guinea fowl, classified according to their subject matter.
- WL-266. Selection and preparation of rabbit rations. By George S. Templeton. 6 pp., April 1945.
Discussion of the types of feeds suitable for rabbits, preparation and storage of feeds, feed requirements, and the making up of rations.
- WL-267. Some recent publications on management and propagation of waterfowl. By Ralph B. Nestler. 5 pp., April 1945. (Supersedes Wildlife Leaflet 183, of March 1941.)
Bibliography of periodicals, books, and other publications, with addresses of publishers, mostly arranged by subjects.
- WL-268. Protecting home gardens and small fruits from attack by birds. By Johnson A. Neff. 14 pp., April 1945.
Statement concerning the birds most commonly involved in damage to home crops and their legal status. Suggestions for control through exclusion, repellents, nest destruction, shooting, trapping, and poisoning. Bibliography of 18 titles.

- WL-269. How to control vagrant cats. Prepared in Division of Predator and Rodent Control. 3 pp., 2 figs., May 1945.
Brief statement of the status of such cats; description and illustrations of a home-made cat trap; notes on commercial traps and on trapping methods.
- WL-270. Winter nest boxes for rabbits. Prepared in Division of Wildlife Research. 2 pp., May 1945.
Description of nest boxes and suggestions for caring for the litter.
- WL-271. Tularemia, an animal-borne disease. Prepared in Division of Wildlife Research. 4 pp., May 1945. (Supersedes Wildlife Research and Management Leaflet BS-5, of April 1935.)
Nature and history of the disease, symptoms in man, symptoms and lesions in rabbits, other animals known to be susceptible, protective measures, quarantine of transplanted rabbits.
- WL-272. Birds in relation to fishes. By Clarence Cottam and F. M. Uhler. 16 pp., August 1945. (Supersedes Wildlife Research and Management Leaflet BS-83, of May 1937.)
Deals with causes of fish depletion, birds in their economic relation to fishes, ecological limitations on fish abundance, food of 13 species or groups of species of fish-eating birds, and various means of controlling or preventing bird depredations on fishes.
- WL-273. Malheur National Wildlife Refuge, Oregon. Prepared in Division of Wildlife Refuges. 8 pp., July 1945.
General description, topography, and history of the refuge, birds and mammals found there, bird banding carried on, list of interesting features, statement of economic use, and tourist information.
- WL-274. Status of migratory game birds: 1944-45. Prepared in Division of Wildlife Research. 10 pp., 2 tables, July 1945.
Annual report on migrations, breeding and wintering ground surveys, and January inventory, with comment on several species of special conservation interest-woodcock, Wilson's snipe, rails and coots, mourning and white-winged doves, and band-tailed pigeon. The inventory indicated 6 percent fewer waterfowl than in 1944.

- WL-275. Some California wildlife-forest relationships. By E. E. Horn. 5 pp., July 1945. (Supersedes Wildlife Research and Management Leaflet BS-132, of April 1939.)
Effects of forest-wildlife interactions; type of forest affects wildlife; wildlife affects type of forest; results of California studies.
- WL-276. Annual fur catch of the United States. Compiled in Division of Wildlife Research. 22 pp., July 1945.
Statistics by States and other geographic subdivisions for the take of leading species of fur animals in recent years. "The raw-fur catch in the United States for the season 1944-45 was estimated to be worth between 75 and 100 million dollars." Retail sales of finished fur products exceeded \$425,000,000.
- WL-277. Sources of big-game animals. Prepared in Division of Wildlife Research. 2 pp., August 1945.
Some Federal Government agencies that at times have for disposal surplus big-game animals, chiefly Buffaloes, elk, and deer. Also, a short list of commercial agencies from whom such animals can be obtained.
- WL-278. Duck-food plants available from dealers. 7 pp., January 1947.
List of duck-food plants, with their common and scientific names, and the names and addresses of dealers from whom they can be procured.
- WL-279. Abstract of fur laws, 1945-46. Compiled by Frank G. Ashbrook. 48 pp., October 1945.
The relation of the Federal Lacey Act and amendments to fur animals and fur trade is set forth, and the laws and regulations in the same field for the United States, Territory of Alaska, and Canadian Provinces are summarized. Contains also a directory of officials from whom copies of fur laws can be obtained.
- WL-280. Dealers in amphibians and reptiles. Compiled in Division of Wildlife Research. 3 pp., November 1945.
List of names and addresses of dealers and indication of the classes of animals handled.
- WL-281. Dealers in upland game birds. Compiled in Division of Wildlife Research. 35 pp., November 1945.
List of names and addresses, arranged according to States, of dealers in upland game birds, and indication of the kinds of birds handled.

- WL-282. History and significance of American wildlife. Prepared in Division of Information. 16 pp., May 1946.

This leaflet combines Wildlife Research and Management Leaflets BS-108 and BS-126, by H. P. Sheldon, issued in March 1938 and February 1939, respectively. Section headings are: Original wealth in wildlife; abundance unimpaired by Indians; exploitation by white settlers; influence of wildlife on colonization and settlement; early traffic in wildlife and its products; exploitation era closing; wildlife management the remedy; a land-use problem; wildlife needs ignored during development period; awakening to the dangers which menace the resource; planning for wildlife restoration; fact-finding basis for plans; development of wildlife-protective legislation; attitude favorable to restoration as Government function; suggested reading.

- WL-283. Big-game inventory of the United States, 1943. Compiled in Division of Wildlife Research. 11 pp., 18 tables, February 1946.

Statistics on the numbers of 15 groups of large game animals, tabulated by States and species, and also according to land ownership; and a summary showing a total of some 7,000,000 head, which is 5.9 percent higher than the estimate of 1941. There is also a tabulation by States and species of the big-game kill.

- WL-284. Polygamous mating of foxes. By Charles E. Kellogg. 4 pp., February 1946. (Supersedes Wildlife Research and Management Leaflet BS-66, of October 1936.)

Advantages of polygamous breeding; report on experiments at the United States Fur Animal Experiment Station; cautions.

- WL-285. Publications on cage birds. Compiled by Phoebe Knappen. 13 pp., May 1946.

Bibliography of American and Foreign books on cage birds and a list of American periodicals, with addresses of publishers.

- WL-286. Suggestions for care and rearing of ferrets. Prepared in Division of Wildlife Research. 2 pp., May 1946. (Supersedes Biological Survey Leaflet Bi-128, of March 1928.)

Treats of the food, pens, reproduction, and health of the animals.

- WL-287. Facts about 1080. Prepared in Division of Wildlife Research. 2 pp., May 1946.
Sodium fluoroacetate; characteristics; varying toxicity for different kinds of animals; directions for its use in rat control; suggestions as to what to do for human beings ingesting it. This chemical is not sold directly to the public.
- WL-288. Facts about ANTU. Prepared in Division of Wildlife Research. 2 pp., May 1946.
Alphanaphthylthiourea; characteristics; toxicity to rats and other animals; directions for its use in rat control.
- WL-289. Raising deer in captivity. Prepared in Division of Wildlife Research. 9 pp., June 1946. (Supersedes Wildlife Leaflet BS-144, of August 1939.)
Enclosures and food requirements; notes on characteristics of white-tailed, mule, and black-tailed deer; list of valuable food plants; bibliography of 57 titles.
- WL-290. Annual fur catch of the United States. Prepared in Division of Wildlife Research. 22 pp., August 1946.
Compilation of statistics of the take of the principal fur animals in Alaska and 40 States, 1940-1945. Value of the raw furs estimated at about \$100,000,000, and of manufactured products some \$443,000,000.
- WL-291. Abstract of fur laws, 1946-47. Compiled by Frank G. Ashbrook. 49 pp., October 1946.
Digest of the laws of the various States of the United States, Alaska, and of the Canadian Provinces relating to fur animals, and of the Federal Lacey Act as it affects shipment of animals in violation of State law. Also contains a directory of officials from whom copies of fur laws can be obtained.
- WL-292. The Hungarian and chukar partridges in America. By John W. Aldrich. 10 pp., February 1947. (Supersedes Wildlife Leaflet BS-159, of April 1940.)
Suggestions relating to introductions; history and success of stocking ventures with the species named. The Hungarian partridge is reported breeding in 23 States and Canadian Provinces, and the chukar partridge in 6 States. Bibliography of 22 titles.

- WL-293. Bibliography on walrus. Compiled by Emma M. Charters. 14 pp., May 1947.
A bibliography of 181 titles.
- WL-294. Keeping up with the waterfowl. By Frederick C. Lincoln. 10 pp., 10 maps, April 1947.
Account of the methods used in estimating the numbers of North American waterfowl. Contains brief information on flyways, banding returns, the refuge system, and crop damage by the birds. The maps delineate the principal breeding and wintering ranges of the waterfowl as a whole and the flyways with their refuge systems. (Reprinted from Audubon Magazine 48 (4): 194-205, July-August 1946.)
- WL-295. Deer mortality from gunshot wounds. By W. Leslie Robinette. 8 pp., 2 tables, July 1947.
Account of studies made on the Fishlake National Forest in Utah to determine the losses of Rocky Mountain mule deer due to their being crippled during the hunting season. It was found that the loss of deer through crippling was 17 percent of the legal kill.
- WL-296. Colleges and universities offering courses in wildlife management, 1946-47. Compiled by Gustav Swanson and Lee E. Yeager. 15 pp., 3 tables, August 1947. (Supersedes Wildlife Research and Management Leaflet BS-98, of October 1937.)
Sketch of the development of education in conservation and wildlife management (37 schools now participating); suggestions on preparing for wildlife work, including research, administration, teaching, writing, and photography. The training courses available are outlined and tabulated according to the institutions giving them. Staffs, students, and facilities also are enumerated. The addresses of the schools are listed, and employment opportunities in the wildlife field are discussed. Bibliography of 15 titles.
- WL-297. Abstract of fur laws, 1947-48. Compiled by Frank G. Ashbrook. 46 pp., September 1947.
Digest of the laws of the various States of the United States, Alaska, and the Canadian Provinces relating to fur animals, and of the Federal Lacey Act as it affects shipment of animals in violation of State law. Also contains a directory of officials from whom copies of fur laws can be obtained.

- WL-298. Annual fur catch of the United States. Compiled by Frank G. Ashbrook. 24 pp., September 1947.
Compilation of statistics of the take of the principal fur animals in Alaska and 40 States, 1941-1946. Value of the raw furs estimated at \$125,000,000.
- WL-299. Directory of national wildlife refuges. Compiled by J. Clark Salyer II. 6 pp., January 1948.
The National wildlife refuges are listed according to the regions in which they are situated. The names and addresses of the regional directors and of the managers of the refuges are given.
- WL-300. Annotated list and index of Wildlife Leaflets 201 to 300. Prepared in the Division of Information. 27 pp., February 1949.
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